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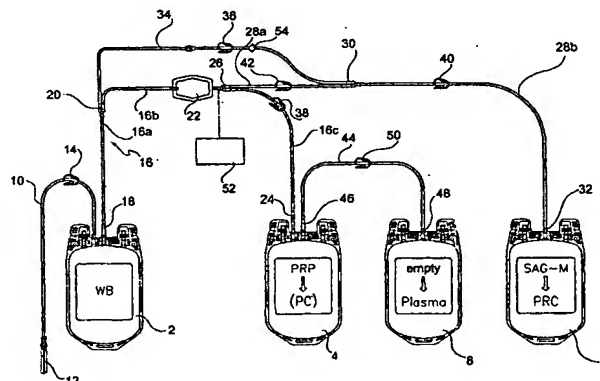
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[Continued on next page]

(54) Title: DEVICE AND METHOD FOR SEPARATING BLOOD INTO LEUKOCYTE DEPLETED BLOOD COMPONENTS



(57) **Abstract:** A device for separating blood into blood components comprising: - a collecting container (2) for receiving blood (WB), - a first satellite container (4) connected, in fluid flow communication, to said collecting container (2) through a leukocyte filter (22) for receiving from said collecting container (2) a leukocyte depleted first blood component (PRP), - a second satellite container (6) connected, in fluid flow communication, with said collecting container (2) through said filter (22) for receiving from said collecting container a second leukocyte depleted blood component (PRC), and flow control means (36, 38, 42) for allowing fluid flow from said collecting container selectively into said first (4) or second (6) satellite container through said leukocyte filter (22), whereby whole blood (WB) can be separated into a first (PRP) and second (PRC) leukocyte depleted blood component with a single leukocyte filter (22). Preferably the second satellite container (6) is further connected to said collecting container (2) through conduit means (28b, 34, 16a) by-passing said filter (22), and the valve means are further adapted for allowing the transfer of an additive from said second satellite container (6) into said collecting container (2) only through said conduit means (28b, 34, 16a) bypassing said filter (22).



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